IL'NITSKIY, Iosif Ivanovich; GORELOV, V.M., inzh., retsenzent; SHABASHOV, S.P., kand. tekhn. nauk, red.; DUGINA, N.A., tekhn. red.

[Vibrations in machine tools and means of eliminating them] Kolebaniia v metallorezhushchikh stankakh i puti ikh ustraneniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1958. 143 p.
(Machine tools—Vibration) (MIRA 11:8)

ISHUTKIN, Valeriy Ivanovich; LIOZNYANSKIY, M.I., inzh., retsenzent; IL'NITSKIY, I.I., kand.tekhn.nauk, red.; DUGINA, M.I., tekhn.red.

[Adjustment of machine tools] Nastroika metallorezhushchikh stankov. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 101 p. (MIRA 14:4)
(Machine-shop practice)

KHABENSKIY, Mikhail Abramovich; IL'NITSKIY, I.I., kand. tekhn. nauk, retsenzent; DUGINA, M.A., tekhn. red.

[Program control of machine tools] Programmnoe upravlenie metallorezhushchikh stankov. Moskva, Mashgiz, 1962. 36 p. (Nauchno-populiarnaia biblioteka rabochego-stanochnika, no.32) (MIRA 15:4)

(Machine tools--Numerical control)

MALIKOV, F.P.; SHLEYMOVICH, M.A., insh., retsenzent; IL'NITSKIY, I.I., kand. tekhn. nauk, red.; DUGINA, N.A., tekhn. red.

[Chucks for metal-cutting tools] Patrony dlia rezhushchikh instrumentov; spravochnik. Moskva, Mashgiz, 1963. 103 p. (MIRA 16:5)

(Chucks)

IL'NITSKIY, Il'ya Ivanovich [Il'nyts'kyi, I.I.]; SOVA, Petr Petrovich; MAKHONIN, O.O., red.; LUCHKIV, M.R., tekhn. red.

[Uzhgorod; a guidebook] Uzhhorod; putivnyk. Uzhgorod; guide. Uzhhorod, Zakarpats'ke obl. knyzhkovo-gazetne vyd-vo, 1961. 158 p. (MIRA 17:3)

VOTYAKOV, L.D.; IL'NITSKIY, I.I.; LOSKUTOV, V.V.; SHALIN, G.M.

[Machine tools; a methodological manual] Metallorezhu-shchie stanki; uchebno-metodicheskoe posobie. Sverdlovsk, Ural'skii politekhn. in-t, 1963. 72 p. (MIRA 17:9)

IL'NITSKIY, K. Ya.

Workers of Lvov machinery plants take part in voluntary inspection. Mashinostroitel' no.10:43 O '62. (MIRA 15:10)

(Lvov Province--Machinery industry)

8h485
S/112/59/000/014/044/085
A052/A001

9.3220

Translation from: Referativnyy zhurnal, Elektrotekhnika, 1959, No. 14, p. 184, # 29892

AUTHOR: Il'nitskiy, L.Ya.

TITLE: Electronic Differentiator

PERIODICAL: Tr. Sektsii radiosvyazi, radioveshch. i televid. Ukr. resp. pravl. Nauchno-tekhn. o-va radiotekhn. i elektrosvyazi, 1957, No. 1, pp. 25-30

TEXT: A circuit of electric signal differentiation in which an amplifier with a high amplification factor is used is described. The following parameters are taken into account in the circuit: output resistance of the signal source and of the amplifier, load on the amplifier output, parasitic elements in the input circuit and feedback circuit. An analysis of this circuit is presented and it is shown that if the effect of parasitic elements is neglected, the expressions obtained for the sensitivity and time constant of the circuit become simpler and are reduced to previously known expressions. Errors in the abovementioned para-

Card 1/2

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S/112/59/000/014/044/085
A052/A001

Electronic Differentiator

meters are shown when the output resistance and the capacitance of the signal source and of the amplifier, load resistance are neglected, as well as the errors due to a poor quality of the differentiating capacitor and to the instability of the main circuit elements. It is proved that in order to eliminate distortions during differentiation, the time constant of the amplifier anode circuit must be $\leq \tau_g/4n$, where τ_g is time constant of the differentiation circuit and n is the number of stages. The sequence of calculating the differentiation circuit is considered. There are 2 illustrations and 3 references.

I.M.V.

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

IL'NITSKIY, L.Ya.

Methods of oscillographic investigation of differential parameters of electron tubes. Izv. vys. ucheb. zav.; radiotekh. no.2:187-193 '58. (MIRA 11:5)

1. Rekomendovana kafedroy teoreticheskoy radiotekhniki L'vovskogo politekhnicheskogo instituta.
(Electron tubes) (Oscillography)

06350

9 (2) SOV/142-2-4-3/26

AUTHOR: Il'nitskiy, L.Ya.

TITLE: The Differentiation of Vacuum Tube Volt-Ampere Characteristics

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Radiotekhnika, 1959, Vol 2, Nr 4, pp 405-413 (USSR)

ABSTRACT: The author analyses a method of investigating the differential parameters of vacuum tubes by differentiating their voltampere characteristics. He presents formulas for determining the measuring error for the differential parameters by the method of differentiating. Adapters are also discussed which are used for feeding linearly changing voltage to the vacuum tube to be tested. The author reports on an experimental investigation of capacitor and transformer adapters. The oscillographic investigation of the differential parameters of vacuum tubes is possible by the methods of small increments, or by the method of differentiating the volt-ampere characteristic whereby the latter method is simp-

Card 1/3

The Differentiation of Vacuum Tube Volt-Ampere Characteristics

ler. The accuracy of measuring differential parameters of vacuum tubes does not only depend on the measuring errors when using the method of the voltampere characteristic differentiation, but also on distortions within the oscilloscopes themselves. A specific error source of the voltampere characteristics differentiation are distortions and instability of pulses of the linearly changing voltage. The adapters between the voltage sources and the vacuum tube to be tested influence the voltage pulse quality. These errors must be taken into consideration together with the permissible oscillogram distortions or the permissible errors in determining differential parameters of vacuum tubes. The investigation of differential parameters of vacuum tubes, under the condition that the current of the j-electrode of the tube to be tested is missing, is preferably performed by a capacitor adapter, since it provides the simplest method of obtaining a linearly changing voltage with a minimum of distortions. The publication of this

06350
SOV/142-2-4-3/26

The Differentiation of Vacuum Tube Volt-Ampere Characteristics

article was recommended by the Department of Theoretical Radio Engineering of the L'vovskiy politekhnicheskiy institut (L'vov Polytechnic Institute). There are 2 block diagrams, 1 diagram, 1 graph and 2 Soviet references.

SUBMITTED: December 22, 1958 (August 8, 1958)

Card 3/3

IL'NITSKIY, L. Ya.

Effect of amplitude characteristics of an electron differentiator on the calculation of the derivative. Izv. vys. ucheb. zav.; radiotekh. 2 no.6:729-737 N-D '59. (MIRA 13:6)

1. Rekomendovana kafedroy radiotekhniki Novosibirskogo elektrotekhnicheskogo instituta.
(Pulse techniques (Electronics)) (Electron tubes)

S/142/61/004/003/014/016
E140/E435

9.7200

AUTHORS: Chervetsov, V.V. and Il'nitskiy, L.Ya.

TITLE: Pulse-time division circuit

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Radiotekhnika, 1961, Vol.4, No.3, pp.346-348

TEXT: A divider for analogue computers is described which is based on the principle that pulse width is proportional to the dividend, pulse repetition rate to the divisor, and the constant component of the pulse train to the quotient. A vacuum tube realization is also described; in this the period T varies between 1 and 3 msec in the case of variations in the voltage u1 from 30 to 90 V. The circuit has a high reliability and the nonlinearity is of the order of a few hundredths percent. Therefore, it can be applied where stiff requirements as regards accuracy and reliability have to be met. There are 1 figure and 5 Soviet references.

Card 1/2

Pulse-time division circuit

S/142/61/004/003/014/016
E140/E435

ASSOCIATION: Uchenyy sovet in-ta avtomatiki Gosplana UkrSSR (Scientific Council of the Institute for Automation of Gosplan UkrSSR)

SUBMITTED: July 7, 1960 (initially)
October 7, 1960 (after revision)

Card 2/2

89137

9,2586

S/108/61/016/002/010/011
B107/B212

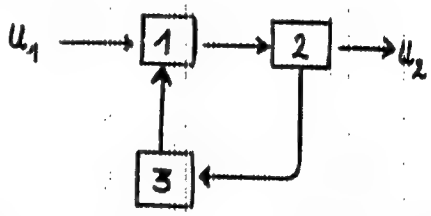
AUTHORS: Il'nitskiy, L. Ya., Cherbetsov, V. V., Members of the Society of Radio Engineering and Electric Communication

TITLE: A pulse generator with a repetition period that is direct proportional to the control voltage

PERIODICAL: Radiotekhnika, v. 16, no. 2, 1961, 71-75

TEXT: This paper describes a complete new type of pulse generator, its period is direct proportional to the control voltage. The circuit consists mainly of a capacitor, its charging curve is linear to the control voltage U_1 (Block 1).

When this voltage has been reached, a short pulse is emitted by Block 2, it opens the electronic key (Block 3). Now, the capacitor is discharged and the whole process starts again. C_1 is charged linearly over a constant resistance R_1 which is connected to a



Card 1/5

89137

A pulse generator with a repetition ... S/108/61/016/002/010/011
B107/B212

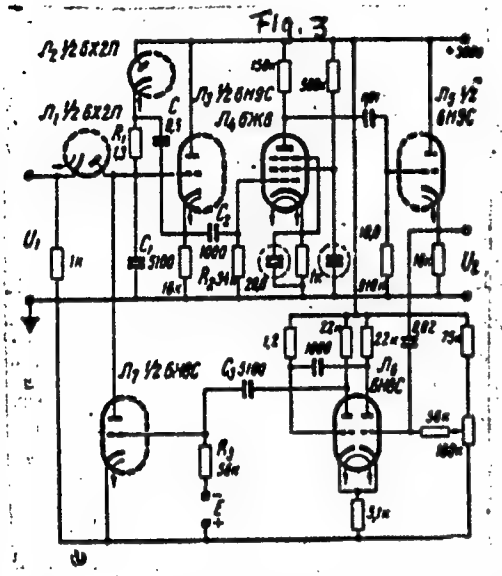
source with a constant voltage E. The rate of charge is: $v = \frac{E}{R_1 C_1}$, and the charging duration $T_A = \frac{U_1}{v} = U_1 \frac{R_1 C_1}{E}$. The length of the pulse generator period is $T = T_A + T_I$ (T_I is the duration of the short pulse emitted from Block 2). T_I has to be kept small with respect to T_A. Fig. 3 shows a circuit diagram of such a generator. Experimental data show a very linear behavior for U_1 between 30 and 100 v and for T between 1 and 3 seconds. There are 4 figures and 1 Soviet-bloc reference.

SUBMITTED: July 7, 1960 (initially)
October 10, 1960 (after revision)

Card 2/ 5

A pulse generator with a repetition ... S/108/61/016/002/010/011
B107/B212

Fig. 3



Legend and explanation to Fig. 3: Control voltage U_1 is applied to the cathode of diode $Л_1$. The circuit for linear charging of the capacitor C_1 consists of a cathode follower connected to the valve $Л_3$, a positive feedback circuit with a capacitor C and a charging diode $Л_2$. The capacitor C_1 is charged by the plate voltage over the diode $Л_2$ and the resistance R_1; the charging curve is kept linear, since there is a strong feedback from the cathode follower $Л_3$. The non-linearity of the charging is the smaller, the less C can be discharged while C_1 is charged; this is obtained by

Card 3/5

A pulse generator with a repetition ... S/108/61/016/002/010/011
B107/B212

choosing $C \gg C_1$ and $R_1 \gg T_A$. The expression for the voltage at C_1 is now:

$$u_c = \frac{E}{R_1 C_1}\left[t - \frac{(1-K)}{R_1 C_1}\frac{t^2}{2!} + \frac{(1-K)^2}{(R_1 C_1)^2}\frac{t^3}{3!} - \ldots\right], \quad (4)$$

where K is the amplification factor of the cathode follower. For K = 1 the charging voltage of the capacitor is a linear function of time. After the voltage on the capacitor C_1 has reached a value U_1, the diode Π_1 will open and the voltage stops to increase. Now, a distinct cutoff is formed in the linear increasing voltage, which causes a pulse at the output of the differentiating element R_2C_2. The pulse is amplified by the valve Π_4 and released over the cathode follower Π_5 the monostable multivibrator Π_6. Positive pulses of the multi-vibrator get to the grid of a key Π_7 which is normally closed, and open it and cause the instantaneous discharge of the capacitor C_1. Now, the cycle starts over again. The pulse period which can be tapped off the cathode follower Π_5 or from the

Card 4/5

89137

A pulse generator with a repetition ... S/108/61/016/002/010/011
B107/B212

slave multi-vibrator $\mathcal{N}_6$ is direct proportional to the control voltage U_1. In order to keep the duration of the opening pulse T_I as short as possible the pulses of the slave multi-vibrator are differentiated by the element R_3C_3.

Card 5/5

IL'NITSKIY, L.Ya.

Electronic differentiator with positive feedback. Radiotekhnika 16 no.9:39-45 S '61. (MIRA 14:9)

1. Deystvitel'nyy chlen Nauchno-tekhnicheskogo obshchestva radiotekhniki i elektrosvyazi im. A.S. Popova.

(Electronic calculating machines)
(Pulse techniques (Electronics))

A pulse-dividing device

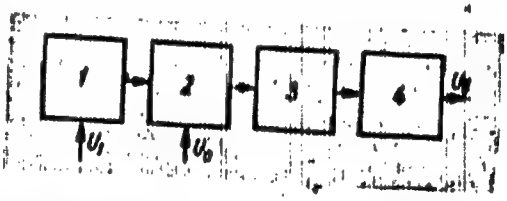
S/142/62/005/004/010/010
E192/E382

It is seen, therefore, that the duration of the output pulses is proportional to the limiting voltage U_o and inversely proportional to the charging voltage of the condenser U_1. A detailed diagram of the circuit performing these operations is given. This employs six double triodes and three semiconductor rectifiers. The circuit can also be based on transistors. There are 3 figures.

ASSOCIATION: Institut avtomatiki UkrSSR (Institute of Automatics of the UkrSSR)

SUBMITTED: May 17, 1961 (initially)
December 25, 1961 (after revision)

Fig. 1:



Card 3/3

S/108/62/017/004/002/010
D288/D301

9,7200

AUTHOR: Il'nitsky, L.Ya., Member of the Society (see Association)

TITLE: Analog of division operation by means of linear capacitance charge

PERIODICAL: Radiotekhnika, v. 17, no. 4, 1962, 13 - 17

TEXT: Normally analog computers solve division problems by a multiplication operation, requiring degenerative resolvers. A simple method is proposed, relying on the amplitude of a sawtooth pulse as a quotient analog. A sawtooth generator charges linearly a capacitor from a constant voltage source, the final amplitude being a linear function of the charging time T, T being inversely proportional to the 2nd input, (discharge initiating signal), and to the generator, usually a multivibrator. Thus the sawtooth amplitude is proportional to the ratio of the two drive voltages. The analog of the denominator decides the pulse repetition rate of a double triode multivibrator, the voltage corresponding to the numerator is fed to the charging circuit, consisting of another double triode; the

Card 1/2

Analog of division operation by ...

first charges the C via a diode from the numerator potential, the second is the pulse drive- and discharge device. The output is measured by a d.c. restorer. A detailed analysis of the tolerances and operating range of the instrument is given, the limiting factor being the pulse repetition rate. A dimensioned circuit diagram is reproduced, and two calibration curves indicate the degree of accuracy achieved in the rather limited quotient range of 6 to 52. There are 4 figures. The English-language reference reads as follows: S. Rigby, Electronics, v. 29, no. 1, 1956.

ASSOCIATION: Nauchno-tekhnicheskoye obshchestvo radiotekhniki i elektrosvyazi imeni A.S. Popova (Scientific and Technical Society of Radio Engineering and Electrical Communications, imeni A.S. Popov) [Abstractor's note: Name of Association taken from first page of journal]

SUBMITTED: April 28, 1961 (initially)
November 28, 1961 (after revision)

Card 2/2

IL'NITSKIY, L.Ya. (Kiyev); NAGORNYY, L.Ya. (Kiyev)

Differentiating amplifier with capacitative feedback. Avtom. i telem. 23 no.1:91-97 Ja '62. (MIRA 15:1)
(Electronic calculating machines) (Amplifiers (Electronics))
(Electronic differential analyzers)

IL'NITSKIY, L.Ya.

Conversion of frequency modulated oscillations to amplitude-frequency modulated oscillations using a differentiating device. Izv. vys. ucheb. zav.; radiotekh. 6 no.3:313-315 My-Je '63. (MIRA 16:9)

1. Rekomendovano kafedroy radiooborudovaniya Kiyevskogo instituta grazhdanskogo vozdushnogo flota.
(Modulation (Electronics)) (Frequency changers)

L 10283-63
ACCESSION NR: AP3001122 S/0108/63/018/006/0003/0006

AUTHOR: Il'nitskiy, L. Ya. Member of the Society (see Association) 14

TITLE: Spectrum of a period-modulated sinusoidal oscillation

SOURCE: Radiotekhnika, v. 18, no. 6, 1963, 3-6

TOPIC TAGS: period modulation

ABSTRACT: A period-modulated oscillation of an RC-oscillator is resolved into its spectrum. It is pointed out that, with a low percentage modulation, the spectra of period modulation and frequency modulation are similar; with a high percentage modulation, the period-modulation spectrum is asymmetrical and essentially differs from the FM spectrum. It is expected that the period modulation will provide lower nonlinear distortions. Orig. art. has: 16 formulas, 1 figure, and 1 table.

ASSOCIATION: Nauchno-tekhnicheskoye obshchestvo radiotekhniki i elektrosvyazi im. A. S. Popova (Scientific and Technical Society of Radio Engineering and Electrocommunications)

SUBMITTED: 01Feb62 DATE ACQD: 01Jul63 ENCL: 00
SUB CODE: CO NO REF SOV: 002 OTHER: 000
Card 1/1 gck/14

IL'NITSKIY, L.Ya.

Principal characteristics of summators. Izv. vys. uchab. zav.; radiotekh. 7 no. 3:365-370 My-Je '64. (MIRA 17:9)

ACCESSION NR: AP4014678 S/0108/64/019/001/0071/0078

AUTHOR: Il'nitskiy, L. Ya. (Active member)

TITLE: Input-output-voltage relations in an analog adder

SOURCE: Radiotekhnika, v. 19, no. 1, 1964, 71-78

TOPIC TAGS: adder, analog adder, analog adder theory, cathode follower type analog adder, analog computer

ABSTRACT: The input-output-voltage relations are determined by a generalized node-voltage method which is applicable to all circuits functioning on the summing-of-currents principle (the first Kichhoff law). A matrix of admittances of the adder circuit is set up. A formula for the output voltage is developed in terms of signed minors. Illustrating an application of the formula, a new cathode-follower-type circuit is suggested for an analog adder. The circuit — experimentally verified — showed its amplitude characteristic linear within

Card 1/2

ACCESSION NR: AP4014678

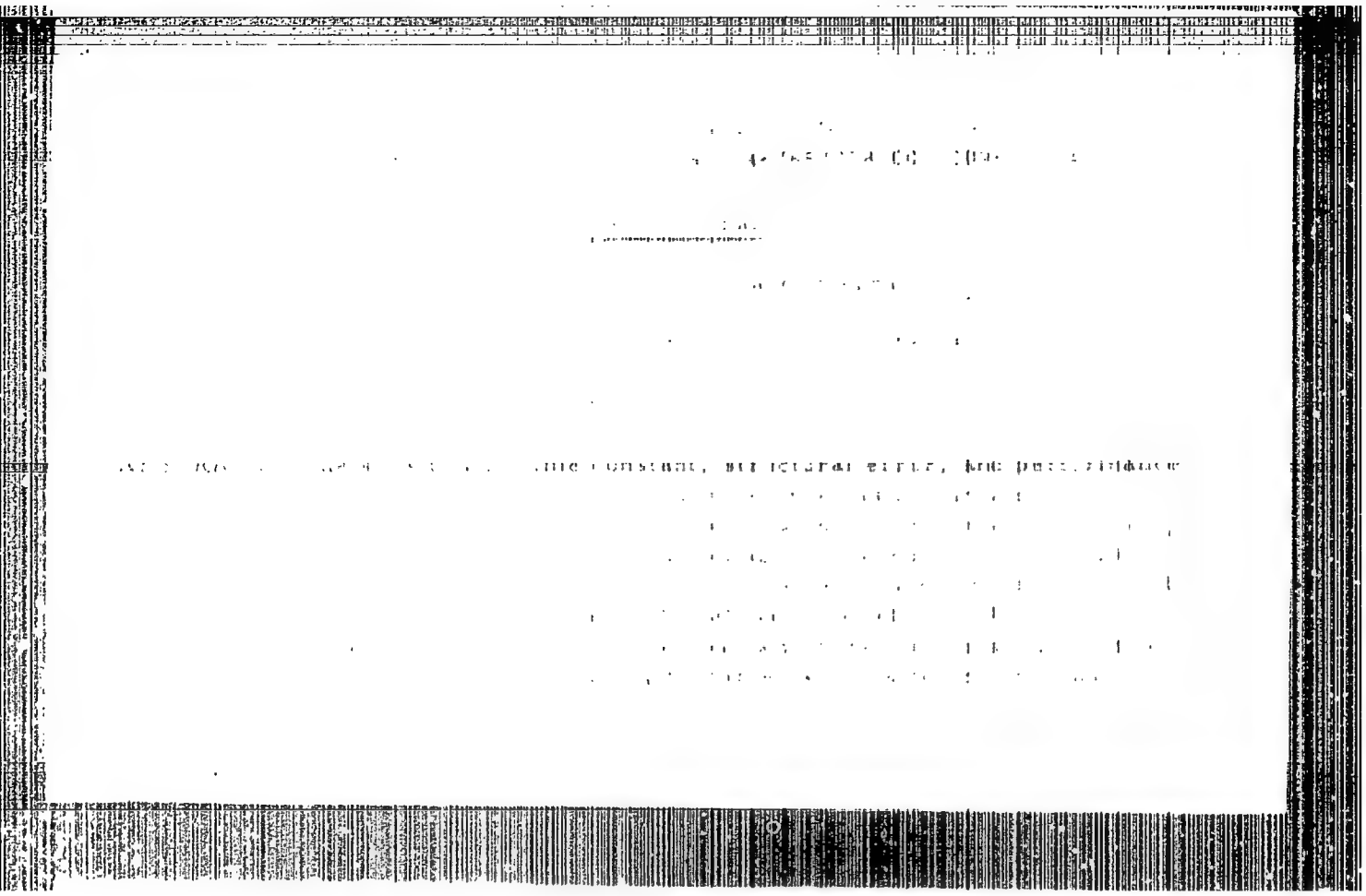
-100 +100 output volts, output voltage variation as low as 0.15% for a supply-voltage (anode) variation of ±20%, and no sensitivity to a heater voltage reduction from 6.3 v to 5.4 v. Orig. art. has: 3 figures and 17 formulas.

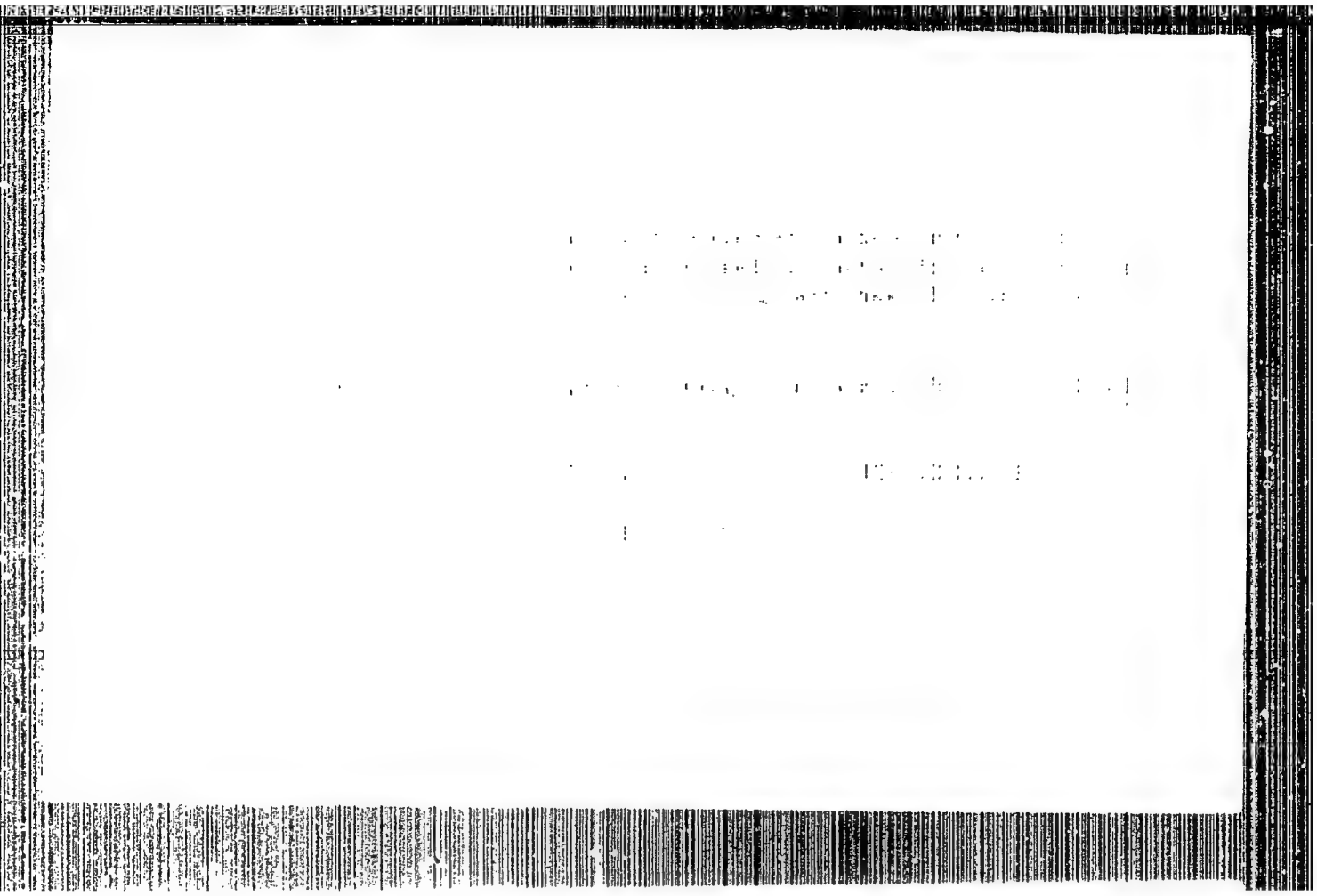
ASSOCIATION: Nauchno-tekhnicheskoye obshchestvo radiotekhniki i elektrosvyazi (Scientific and Technical Society of Radio Engineering and Electrocommunication)

SUBMITTED: 10May62 DATE ACQ: 07Feb64 ENCL: 00

SUB CODE: GE, CP NO REF SOV: 001 OTHER: 001

Card 2/2





ZAKHOZHIY, V.; IL'NITSKIY, N.

White heat. Prof.-tekh. obr. 17 no.8:27 Ag '60. (MIRA 13:8)
(Lvov--Metal cutting--Study and teaching)

SOV-91-58-10-23/35

AUTHORS: Melikhov, B.T., Engineer, Il'nitskiy, N.G., Technician

TITLE: Defects in Type SAZU-I43 Electric Meters (O nedostatkakh elektricheskikh schetchikov tipa SAZU-I43)

PERIODICAL: Energetik, 1958, Nr 10, pp 22 - 23 (USSR)

ABSTRACT: The author complains that out of a large consignment of type SAZU-I43 electric meters received by his thermo-electric power station, produced in 1957 by the Leningradskiy elektromekhanicheskiy zavod (Leningrad Electro-Mechanical Plant), 50% on inspection proved to have the spindles of the moving parts bent. The cause of this defect was that the attachment of the magnetic circuits to the housing by means of 2 M-4 screws was not reliable. During transportation, the magnetic circuits became displaced, were forced against the spindle or disc, causing the latter to become bent. The author asks the Leningrad Electro-Mechanical Plant to use a more reliable method of attaching the magnetic circuits.

1. Electric meters--Production

Card 1/1

IL'NITSKIY, V.M. [Il'nyts'kyi, V.M.]

Modification of the weaver's beam design for "Rashell'" and "Rashel'-vertilka" warp knitting machines. Leh.prom. no.1: 44-45 Ja-Mr '63. (MIRA 16:4)

1. Chernovitskaya galantereynaya fabrika.

FREYDLIN, L.Kh.; KAUP, Yu.Yu.; LITVIN, Ye.F.; ILOMETS, T.I.

Selectivity and stereospecificity in reactions of n-hexene hydrogenation on a skeletal nickel catalyst. Dokl. AN SSSR 143 no.4:883-886 Ap '62. (MIRA 15:3)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR. Predstavleno akademikom A.A.Balandinym.
(Hexene) (Hydrogenation) (Catalysts, Nickel)

IL'ON, G. Ya., Cand of Med Sci -- (diss) "Data on the clinic of [redacted] circular schizophrenia."Moscow, 1957, 15 pp (Central Institute for the Advanced Training of Physicians), 200 copies (KL, 35-57, 109)

BOJSZKO, Imre, dr.; OKOLICSANYI-KUTI, Ilona, dr.; SAS, Vilmos, dr.

The effect of Syncumar therapy of fibrinolysis. Orv. hetil. 106 no.44:2079-2081 31 O '65.

1. V.I. ker. Tanacs, Szovetseg utcai Korhaz, Balosztaly (foorvos: Gortvai, Gyorgy, dr.) es XXII. ker. Szakorvosi Rendelointezet.

ILOSVAI, L.

Test for motorcycle drivers in the People's Park and some soviet experiences. p. 2. of cover. A road toward civilized auto traffic is a road toward civilization. p. 3 What kind should the Hungarian midget car be? p. 5 Remenyi-Gyenes, I. The National Club of Automobile Drivers. p. 8 Vol. 9 No. 18 Sept. 1956. AUTO-MOTOR. Budapest, Hungary.

SOURCE: East European List, (EEAL) Library of Congress Vol. 6, No. 1 January 1956.

ILOSVAI, L.

Conversation on the eve of autumn. p. 8.
"Wartburg"; presentation of a car type. p. 9
Useful tools. p. 10
One step nearer to the "moped." p. 10
For silent auto traffic! p. 11
Vol. 9, No. 18 Sept. 1956. AUTO-MOTOR. Budapest, Hungary.

SOURCE: East European List, (EEAL) Library of Congress Vol. 6, No. 1 January 1956.

ILOSVAI, Lajos

Patameters of modern motorbuses. Jarmu mezo gep 7 no.9: 336-344 '60.

ILOSVAI, Lajos

Periodical article reviews by the Motor Vehicle Division. Jarmu mezo gep 6 no.4:127 '59.

ILOVAJSKI, Pavle, ing.

Disposition of conductors with regard to the phenomenon of their "galloping". Elektroprivreda 14 no.7/8:379-382 Jl-Ag '61.

1. "Elektroistok", Beograd.

ILOVAJSKI, Pavle, ing.

The protection of conductors from vibration. Elektroprivreda 14 no.11/12:616-619 N-D '61.

1. Elektroistok, Beograd.

ILOVAJSKI, P., ing.

"Armor-rods," and the protection of conductors against vibration. A reply to the remarks of engineer D. Dukanac on the article "Protection of conductors against vibration" by engineer P. Ilovajski. Elektroprivreda 15 no.1:29 Ja '62.

TAREJEV, B.M., dr tehn. nauka [Tareyev, B.M.] (U.S.S.R.);
LERNER, M.M., kand. tehn. nauka (U.S.S.R.); ILOVAJSKI, Pavle, inz. [translator]

Substituting aluminum for copper in electrical engineering.
Elektroprivreda 15 no.4:170-176 Ap '62.

ILOVAJSKI, P., inz.

Mounting of conductors in mountainous areas. Elektroprivreda 15 no.5:242-248 My '62.

1. "Elektroistok," Beograd.

ILOVAJSKI, P., inz.

The Moscow-Baikal main line, the largest electrified railroad line in the world. Elektroprivreda 15 no.5:272 My '62.

ILOVAJSKI, P., inz.

High-quality built foundations, and their influence on the carrying capacity of the pillars for transmission lines. Elektroprivreda 16 no.5:244-247 My '63.

BORODIN, I.; ILOVA, Ye., promyshlennyy vrach; KHEKALO, N.

On a leash of spoilage producers. Okhr. truda i sots. strakh. 5 no.8:30-31 Ag '62. (MIRA 15:7)

1. Rukovoditel' neshtatnogo korrespondentskogo posta zhurnala "Okhrana truda i sotsial'noye strakhovaniye" v Sakhalinskoy oblasti (for Borodin). 2. Yuzhno-Sakhalinskaya gorodskaya sanitarno-epidemiologicheskaya stantsiya (for Ilova). 3. Sakhalinskiy oblastnoy sovet profsoyuzov (for Khekalo).
(SAKHALIN--CONSTRUCTION MATERIALS INDUSTRY--HYGIENIC ASPECTS)

ILOVAYSKAYA, K. S.

ILOVAYSKAYA, K. S. -- "The Course, Complications, and Conduct of Childbirth with a Large Foetus." Min Health RSFSR. Saratov State Medical Inst. Saratov, 1955. (Dissertation for the Degree of Candidate in Medical Sciences).

So.: Knizhnaya Letopis', No. 2, 1956.

DANIAKHIY, M.A., prof.; PAVKINA, A.G.; SUMOVSKAYA, A.Yu.; MOLOTKOVA, V.V.; ILOVAYSKAYA, K.S.

Cytological picture of vaginal secretion in normal and patholgical pregnancy. Akush. i gin. 34 no.6:23-26 N-D '58. (MIRA 12:1)

1. Iz akusherako-ginekologicheskoy kliniki Saratovskogo meditsinskogo instituta.

(PREGNANCY, physiol.
vaginal secretion, cytol. (Rus))
(VAGINA, physiol.
secretion in pregn., cytol. (Rus))

ILOVAYSKAYA, K. S., kand. med. nauk

Course of labor and the puerperal period in macerated fetus. Akush. i gin. no.3:40-42 '61. (MIRA 14:12)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. M. A. Daniakhiy) pediatricheskogo fakul'teta Saratovskogo meditsinskogo instituta.

(LABOR(OBSTETRICS)) (PUERPERIUM)
(FETUS, DEATH OF)

BELAN, F.I., inzh.; ILOVAYSKAYA, M.V., inzh.

Magnetic treatment of boiler feedwater. Prom. energ. 18 no.11: 33-37 N '63. (MIRA 17:12)

ILOVAYSKAYA, M.V., inzh.; GRONSKIY, R.K., inzh.

Determination of the magnitude of scavenging in electric power plants in condensate distilling operation. Elek. sta. 35 no.5:81 My '64. (MIRA 17:8)

BONCHKOVSKIY, F.N.; ILOVAYSKAYA, N.N.

Results of research of the Institute of Soil Science, Land Improvement and Irrigation. Izv. Otd. est. nauk AN Tadzh. SSR no.23:131-133 '57. (MIRA 11:8)
(Tajikistan--Agriculture)

ANTIPOV-KARATAYEV, I.N.; OVCHINNIKOV, P.N.; BELYAKOVA, L.P.; BONCHKOVSKIY, F.N.; ILOVAYSKAYA, M.N.; KHREUM, P.A.; LIPKIND, I.M.

Ol'ga Aleksandrovna Grabovskaia; obituary. Izv.Otd.est.nauk AN Tadzh.SSR no.2:145-149 '59. (MIRA 13:4)
(Grabovskaia, Ol'ga Aleksandrovna, 1908-1958)

ILOVAYSKAYA, M.N.

Organic matter of the main soil types of Tajikistan. Pochvovedenie no.8:15-25 Ag '59. (MIRA 12:11)

1. Institut pochvovedeniya AN Tadzhikskoy SSR.
(Tajikistan--Soils)

LUTSENKO, N.A.; ILOVAYSKIY, I.N.; OBRAZTSOV, O.I.; KORINSKIY, R.G.

Using lightened cement grouting. Neft. i gaz. prom. no.3: 22-24 Jl-S '64. (MIRA 17:12)

ACC NR: AP7001438 (A,N) SOURCE CODE: UR/0413/66/000/021/0159/0159

INVENTORS: Kantorovich, L. V.; Fet, Ya. I.; Ilovayskiy, I. V.

ORG: none

TITLE: Summator for simultaneous addition of several binary terms. Class 42, No. 188151 [announced by Institute of Mathematics, Siberian Division AN SSSR (Institut matematiki Sibirskogo otdeleniya AN SSSR)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 21, 1966, 159

TOPIC TAGS: adder, binary number, coincidence circuit

ABSTRACT: This Author Certificate presents a summator for simultaneous addition of several binary terms with storage of the transfers and accumulation of the results, consisting of single-digit triple-input summators. To increase the response rate, the outputs of the combination circuits of each of the single-type p-digit units of the summator are connected through coincidence circuits digit by digit to the inputs of the intermediate result storage register of the given unit. The outputs of the digit groups of the intermediate result storage register are connected through coincidence circuits and auxiliary storage units digit by digit to the inputs of the corresponding digits of each unit of the summator. The outputs of the new term registers are connected digit by digit to the free inputs of the summator units. To generate the total sum in normal form with minimal additional equipment cost, the

Card 1/2 UDC: 681.142.07

ILOVAYSKIY, L. V.

ILOVAYSKIY, L. V.: "The theoretical principles of organization of transport of hot ingots from open-hearth units to the soaking pits of blooming stands", Leningrad, 1955. Min Railways. Leningrad Order of Lenin Inst of Railroad Transport Engineers imeni Academician V. N. Obraztsov. (Dissertations for the degree of Candidate of Technical Science.)

SO: Knizhnaya Letopis' No. 50 10 December 1955. Moscow.

AUTHOR: Ilovayskiy, I.V., Engineer SOV/133-58-6-19/33

TITLE: Possibilities of Increasing the Efficiency of Soaking Pits (Rezervy proizvoditel'nosti nagrevatel'nykh kolodtsev)

PERIODICAL: Stal', 1958, Nr 6, pp 537 - 541 (USSR)

ABSTRACT: The possibilities of increasing the throughput of soaking pits are discussed. It is pointed out that in the majority of large Russian steelworks, soaking pits were designed during the early five years' development plans in which 20% cold-charging was taken into consideration. This reserve has been utilised. Further increase in the efficiency of soaking pits is limited by the available space; further increase in temperature of charged ingots can provide a substantial increase of soaking pits capacity. To obtain this, an improvement in the organisation of stripping, inspection and transport of ingots is necessary. The author discussed various modifications of the operation of stripping cranes and transport of ingots from the stripping bay to the soaking pits. The importance of the uniformity of the output of melting shops is stressed. By the uniformity of output is understood the size of the supply

Card 1/2

Possibilities of Increasing the Efficiency of Soaking Pits

of metal corresponding to the time during which the metal can be processed in the rolling department. The influence of the non-uniformity of supply on the number of mould trains required is graphically illustrated (Figure 8).
There are 8 figures and 3 references, 2 of which are Soviet and 1 English.

ASSOCIATION: Magnitogorskiy metallurgicheskiy kombinat (Magnitogorsk Metallurgical Combine)

 1. Steel--Production 2. Steel industry--USSR

PETROV, A.P., doktor tekhn. nauk, prof.; TULUPOV, L.P., kand. tekhn. nauk; KRYUKOV, N.D., kand. tekhn.nauk; GUNDOBIN, V.N., inzh.; VASIL'YEV, G.S., kand. tekhn. nauk; GRISHIN, M.S., kand. tekhn. nauk; MOROZOVA, K.N., inzh.; ROZE, V.A., inzh.; LEVSHIN, G.L., inzh.; BERNGARD, K.A., doktor tekhn. nauk, prof.; BIKCHENTAY, M.A., inzh.; BUYANOV, V.A., inzh.; ILOVAYSKIY, N.D., inzh.; MUKHAMEDOV. G.A., kand. tekhn.nauk; MIKHUSHNICHENKO, [redacted], inzh.; ANDRIANOV, V.P., inzh.; BUTS, V.D., inzh.; KAZIMOV, A.A., inzh.; KIREYEV, O.P., inzh.; DYUFUR, S.L., kand. tekhn. nauk; USTINSKIY, A.A., kand. tekhn. nauk; MIKHAYLOV, S.M., inzh.; NESTEROV, Ye.P., kand. tekhn. nauk, retsenzent; LIVSHITS, V.N., inzh., retsenzent; PREDE, V.Yu., inzh., red.; VOROTNIKOVA, L.F., tekhn. red.

[Control of transportation processes using electronic digital computers] Upravlenie perevozochnym protsessom s primeneniem elektronnykh tsifrovykh vychislitel'nykh mashin. Pod obshchei red. A.P.Petrova. Moskva, Transzheldorizdat, 1963. 207 p. (MIRA 16:8)

1. Chlen-korrespondent AN SSSR (for Petrov).
(Railroads--Management) (Electronic digital computers)

ILOVAYSKIY, N.D., aspirant

Selecting the optimum operational conditions of the work of classification stations. Vest. TSNII MPS 22 no.2:51-54 '63. (MIRA 16:4)
(Railroads—Hump yards) (Automatic control)

ILOVAYSKIY, N.D., insh.

Algorithm formulation for the control of work processes in hump yards. Trudy TSNII MPS no.258:130-174 '63. (MIRA 16:9)
(Railroads--Hump yards)

VARGIN, S.N.; BURASHNIKOV, V.L.; KRAPIVIN, A.F.; ILOVAYSKIY, N.D., starshiy nauchnyy sotrudnik

Electronic digital computers speed up the formation and departure of trains. Zhel.dor.transp. 47 no.4:21-24 Ap '65.
(MIRA 18:6)

1. Zamestitel' nachal'nika Sverdlovskoy dorogi (for Vargin). 2. Nachal'nik stantsii Sverdlovsk-Sortirovochnyy (for Burashnikov). 3. Nachal'nik gruzovogo otdela Sverdlovskogo otdeleniya dorogi (for Krapivin). 4. Ural'skoye otdeleniye Vsesoyuznogo nauchno-issledovatel'skogo instituta zheleznodorozhnogo transporta Ministerstva putey soobshcheniya (for Ilovayskiy).

ILOWAJSKI, P. (Eng.)

"Irregularities in installing high voltage cable lines"

SO: ELEKTROPRIVREDA, May - June 1955

L 05273-67 EWT(d)/EWP(l) IJP(c) BB /GG

ACC NR: AR6023997 SOURCE CODE: UR/0372/66/000/003/G042/G042

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B

AUTHOR: Ilovayskiy, V. S.; Lozovskiy, V. S.; Fet, Ya. I.

TITLE: Use of address language to automate the synthesis of digital computers 16C

SOURCE: Ref. zh. Kibernetika, Abs. 3G315

REF SOURCE: Sb. Vychisl. sistemy. Vyp. 18. Novosibirsk, 1966, 34-71

TOPIC TAGS: computer language, memory address, algorithm, digital computer

ABSTRACT: One of the possible methods of automating the synthesis of the symbolic circuit of digital computers on the basis of a specified system of instructions is considered. An algorithm (A) for transition from the recording of computer instructions in the address language to a symbolic circuit in the form of a system of logic equations is proposed. The starting premise for constructing A is the condition of the performance of all the instructions by a single device. A applies to the construction of the symbolic circuits of computers for which the following starting characteristics are specified: number of memory elements, capacity of each memory element and method of access; method of presentation of numbers, format of numbers; addressability; method of presentation of modified instructions; system

Card 1/2 UDC: 62-506:681.142:621.3.001.1:51

L 05273-67
ACC NR: AR6023997

of instructions; principle of organization of the time flowchart; duration of every operation, expressed in conditional units. The operation of A is illustrated by describing the synthesis of an elementary computational system. 13 illustrations, 10 tables. Bibliography of 10 titles. Yu. U. [Translation of abstract]

SUB CODE: 05, 09/

Card 2/2 egh

ILOWIECKI, S.

Planning in the milling industry.

P. 18. (PRZEGLAD ZBOZOWO-MYLNARSKI) (Warszawa, Poland) Vol. 2, no. 1, Jan. 1958

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

ILOWSKI, Zbigniew

Second conference of agents for scrap problems in the chemical industry. Chemik 16 no.10:312-313 O '63.

1. Zaklady Azotowe, Kedzierzyn.

ILOZHEV, A.P.; PODDUBSKAYA, I.V.; ROZEN, A.M.

Distribution of butylphosphoric acids between aquous solutions and tributyl phosphate. Radiokhimiia 2 no.4:411-418 '60.
(MIRA 13:9)

(Phosphoric acid) (Butyl phosphate)

ILOZHEV, A.P.; PODDUBSKAYA, I.V.; ROZEN, A.M.

Distribution of butylphosphoric acids between aqueous solutions and tributyl phosphate. Ekstr.; teor.,prim.,app. no.2:71-79 '62. (MIRA 15:9)

(Phosphoric acid) (Butyl phosphate) (Hydrolysis)

ILSAYEV, A.

Soldier's wit. Voen. znan. 39 no.11:13 N '63. (MIRA 17:2)

IL'SHENKO, N.

Trade-Unions

Training of railroad trade-union staff, V pom. profaktivu, 13, No. 6, 1952.

Monthly List of Russian Accessions, Library of Congress, May 1952, Un classified.

IL'SHTEYN, Aleksandr Mikhaylovich, kand. tekhn. nauk; GAYDUKOV, Viktor Ivanovich; ZAKUTSKIY, Igor' Aleksandrovich; VORONKOV, A.K., otv. red.

[Settling of the roof without battery stulls in longwalls of flat seams]Bezorgannaia posadka krovli v lavakh pologikh plastov. Moskva, TSentr. in-t tekhn. informatsii ugol'noi promyshl., 1962. 51 p. (MIRA 17:7)

Il'shteyn, A. M. "The basic trends of the rationalization of methods for preparing and working overburdens in the Donbass", in the collection entitled: Voprosy gornogo dela, Moscow, 1948, p. 85-97.

SO: U-288, 12 Feb. 53, (Letopis' Zhurnal 'nykh Statey, No. 2, 1949).

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Fuel Abstracts
Vol. VI, No.2
Feb. 1954
Natural Solid
Fuels: Winning

989. RESEARCH ON ROCK PRESSURE AS AN AID TO EARLY PREDICTION OF MECHANIZED SUPPORTS. [illegible] (Coll), Aug. 1953, 33-37). Papers to the Institute of Mining, Academy of Sciences, U.S.S.R., by S.S. Ostrovskii, A.D. Orlov, A.E. Il'shtein, V.T. Dmitriyants, S.M. Lipkovich, G.A. Krupennikov, and G.N. Kuznetsov on research and design, are summarized. (L).

RUPPENEYT, Konstantin Vladimirovich; IL'SHTEYN, A.M., otvetstvenyy redaktor; KOROVENKOVA, Z.A., tekhnicheskiy redaktor.

[Pressure and displacement of ores in seams of gently sloping layers] Davlenie i smeshchenie gornykh porod v lavakh pologopadaiushchikh plastov. Moskva, Ugletekhizdat, 1957. 227 p. (MIRA 10:11)
(Engineering geology)

IL'SHTEYN, A.M., Doc Tech Sci -- (diss) "Rules Laws of manifestations of rock pressure in massif of gently sloping seams of coal deposits." Mos 1958, 21 pp with graphs (Inst of Mining Affairs of Acad Sci USSR) 150 copies (KL, 42-58, 115)

AVERSHIN, S.G., prof., dokt.tekhn.nauk; ANAN'IN, G.P., dotsent, kand.tekhn.nauk; BARANOV, A.I., dotsent, insh.; BERLIN, A.Ye., insh.; BOCHKAREV, V.G., kand.tekhn.nauk; BUTKEVICH, R.V., kand.tekhn.nauk; VESELOVSKIY, V.S., prof.,doktor tekhn.nauk; VESKOV, M.I., kand.tekhn.nauk; VOL'KENAU, A.V., kand.tekhn.nauk; GAMKAVI, S.M., kand.tekhn.nauk; GORBACHEV, T.F.; DAVIDYANTS, V.T., kand.tekhn.nauk; DMITRIYEV, M.F., kand.tekhn.nauk; DOBROVOL'SKIY, V.V., kand.tekhn.nauk; DUKALOV, M.F., kand.tekhn.nauk; ZAYTSEV, N.A.; ZARANKIN, P.S., insh.; ZVYAGIN, P.Z., dotsent, kand.tekhn.nauk; IVASHTIN, A.M., kand.tekhn.nauk; KILYACHKOV, A.P., dotsent, kand.tekhn.nauk; KIRICHENKO, I.F., insh.; KRUPENNIKOV, G.A., kand.tekhn.nauk; KUZNETSOV, S.T., kand.tekhn.nauk; KUCHERSKIY, L.V., kand.tekhn.nauk; LIHIENAU, N.I., insh.; LIPKOVICH, dotsent, kand.tekhn.nauk; LOKSHIN, B.S., kand.tekhn.nauk; MURATOV, M.L., dotsent, kand.tekhn.nauk; MUCHNIK, V.S., prof., doktor tekhn.nauk; NAYDYSH, A.M., dotsent, kand.tekhn.nauk; NEKRASOVSKIY, Ya.E., prof., doktor tekhn.nauk; NIKIFOROV, G.A., insh.; NUROK, G.A., prof., doktor tekhn.nauk; OVINOV, N.I., insh.; PORTNOV, A.A., insh.; PROSKURIN, V.V., dotsent, kand.tekhn.nauk; RUDNEV, B.A., insh.; SAPITSKIY, K.F., kand.tekhn.nauk; SELETSKIY, R.A., dotsent, kand.tekhn.nauk; SEMENOV, A.P., kand.tekhn.nauk; SKAFA, P.V., insh.; SOKIN, S.D., prof.; SUDOPLATOV, A.P., prof., doktor tekhn.nauk; TIMOSHEVICH, V.A., insh.; FUKMAN, A.A., insh.; CHINAKAL, N.A.; SHAKHMEYSTER, L.G., dotsent, kand.tekhn.nauk; TERPIGOREV, A.M., glavnyy red.; LOZNEVA, A.A., red.; NAUMKIN, I.F., red.; OSTROVSKIY, S.B., red.; PANOV, A.D., red.; STUGAREV, A.S., red.; SHELKOV, A.A.,

(Continued on next card)

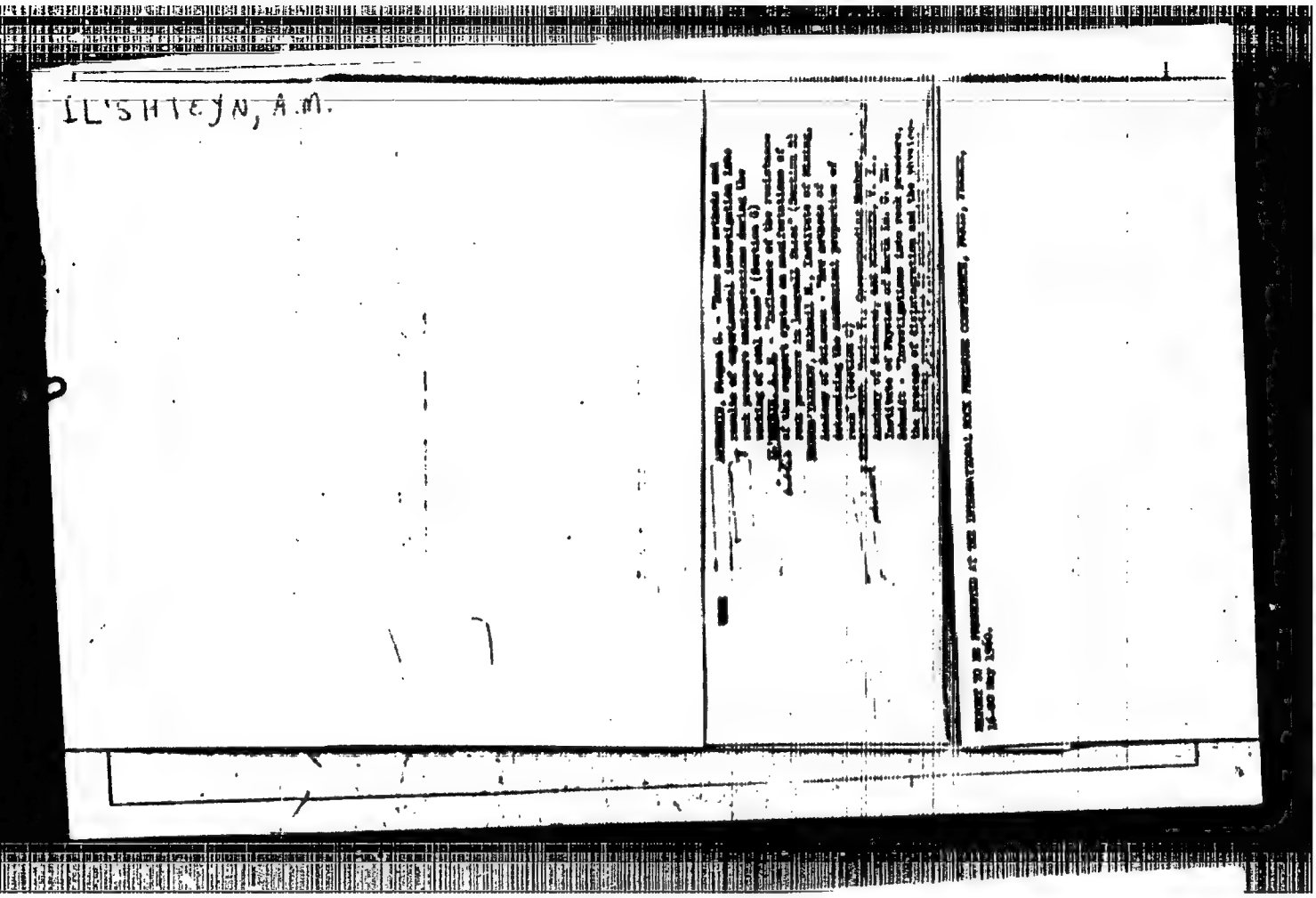
AVERSHIN, S.G.---(continued) Card 2.
red.; ARKHANGEL'SKIY, A.S., kand.tekhn.nauk, red.; REZNIKOV, G.A., insh., red.; ALESHIN, N.I., red.izd-va; KACHALKINA, Z.I., red. izd-va; PROZOROVSKAYA, V.L., tekhn.red.; NADEINSKAYA, A.A., tekhn.red.

[Mining; an encyclopedic handbook] Gornoe delo; entsiklopedicheskii spravochnik. Glav. red. A.M. Terpigorev. Chleny glav.red.: F.A. Barabanov i dr. Vol.5 [Underground coal mining] Razrabotka ugol'nykh mestorozhdenii podzemnym sposobom. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po ugol'noi promyshl. 1958. 447 p. (MIRA 12:2)

1. Chlen-korrespondent Akademii nauk SSSR (for Gorbachev, Chinakal).
2. Chlen-korrespondent Akademii nauk USSR (for Zaytsev).
(Coal mines and mining)

IL'SHTEYN, A.M.; KUPPERMAN, K.V., otvetstvennyy red.; LOMAEVA, A.A., red. izd-va; ERLOV, A.P., tekhn. red.; LOMILINA, L.N., tekhn. red.

[Features of the occurrence of mine pressure in lava of gently sloping coal stopes] Zakonomernosti proiavleniia gornogo davleniia v lavakh pologopadaiushchikh plastov kamenno-ugol'nykh mestorozhdenii. Moskva, Ugletekhizdat, 1958. 270 p. (MIRA 11:7)
(Coal mines and mining)
(Earth pressure)



BUCHNEV, V.K., prof., doktor tekhn. nauk; KALININ, R.A., dotsent; KORABLEV, A.A., kand. tekhn. nauk; MONIN, G.I., inzh.; NELYAYEV, V.S., kand. tekhn. nauk; MERKULOV, V.Ye., inzh.; ALEKSEYENKO, V.D., inzh.; IL'SHTEYN, A.M., kand. tekhn.nauk; GELESKUL, M.N., kand. tekhn.nauk; KOBISHCHANOV, M.A., kand. tekhn.nauk; DOBROVOL'SKIY, V.V., kand. tekhn. nauk; MALYSHEV, A.G., inzh.; VOROPAYEV, A.F., prof., doktor tekhn. nauk; LIDIN, G.D., prof., doktor tekhn.nauk; TOPCHIYEV, A.V., prof.; VEDERNIKOV, V.I., kand. tekhn.nauk; KUZ'MICH, I.A., kand. tekhn. nauk; LEYTES, Z.M., inzh.; SYSOYEVA, V.A., kand. tekhn. nauk; MELAMED, Z.M., kand. tekhn.nauk; CHERNAVKIN, N.N., inzh.; KARPILOVICH, M.Sh., inzh.; MEL'KUMOV, L.G., inzh.; BOGOPOL'SKIY, B.Kh., inzh.; FROLOV, A.G., doktor tekhn.nauk; KHVOSTOV, F.K., inzh.; BAGASHEV, M.K., kand. tekhn. nauk; KAMINSKIY, I.N., inzh.; PETROVICH, T.I., inzh.; ZHUKOV, V.V., red. izd-va; LOMILINA, L.N., tekhn. red.; PROZOROVSKAYA, V.L., tekhn. red.

[Mining engineers' handbook]Spravochnik gornogo inzhenera. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. (MIRA 14:1)

(Mining engineering--Handbooks, manuals, etc.)

IL'SHTEYN, A.M., kand.tekhn.nauk; KOZLIA, A.M., kand.tekhn.nauk;
RUTKOVSKAYA, Ye.P., inzh.

Modeling rock pressure manifestations occurring in the Moscow Basin. Nauch.soob.Inst.gor.dela 7:72-83 '61. (MIRA 15:1)
(Moscow Basin--Rock pressure)

IL'SHTEYN, A.M.; GAYDUKOV, V.I.; ZAKUTSKIY, I.A.

Rock pressure control in longwalls of flat and inclined seams with roof caving on the stope lining. Ugol' 36 no.12:27-31 D '61. (MIRA 14:12)

(Rock pressure)
(Mine timbering)

IL'SHTEYN, A.M., kand. tekhn. nauk, otv. red.; PARTSEVSKIY, V.N., red. izd-va; DOROKHINA, I.N., tekhn. red.

[Methods of determining the dimensions of supporting pillers and ore blocks] Metody opredeleniia razmerov opornykh tselikov i po- tolochin; sbornik statei. Moskva, Izd-vo Akad. nauk, 1962. 197 p. (MIRA 15:7)

1. Akademiya nauk SSSR. Institut gornogl dela.
(Mines and mineral resources)

GAYDUKOV, V.I.; IL'SHTEYN, A.M.; PETISOV, M.S.

Studying rock pressure in mines of the Moscow Basin. Fiz.-mekh.-svois.,dav.i razr.gor.porod no.1:61-85 '62. (MIRA 16:3)
(Moscow Basin--Rock pressure)

IL'SHTEYN, A.M., doktor tekhn. nauk; LIBERMAN, Yu.M., kand. tekhn. nauk; MEL'NIKOV, Ye.A., kand. tekhn. nauk; RAKHMOV, V., kand. tekhn. nauk; RYZHIK, V.M., kand. fiz.-matem. nauk

[Methods of calculating pilars and ore blocks of chambers in ore deposits] Metody rascheta tselikov i potolochin kamer rudnykh mestorozhdenii. Moskva, Nauka, 1964. 141 p. (MIRA 18:3)

IL'SHTEYN, I. A.

USSR/Chemistry - Alkaloids Apr 51

"Investigation on the Synthesis of a Number of Analogues of the Alkaloid Colchicine, II," T. F. Dankova (deceased), T. N. Bokova, N. A. Preobrazhenskiy; and A. Ye. Petrushenko, I. A. Il'shteyn, N. I. Shvetsov, Students, Moscow Inst of Fine Chem Tech

"Zhur Obshch Khim" Vol XXI, No 4, pp 787-800

To ascertain structure of colchicine and possibly find compds with simpler sturcture with colchicine-like action, synthesized the following, contg proved or assumed structural elements of colchicine: 4 derivs of α, B-diphenylethylamine, 2 derivs of α, γ-diphenylpropylamine, 2 derivs of B, δ-(diphenyl)-butylamine, 7 derivs of γ-keto-α, γ-diphenylpropylene.

182T30

IL'SHTEYN, M.

Basic trends in theoretical investigation on underground rock pressure. Ugol' 34 no.6:52-55 Je '59. (MIRA 12:8)
(Mining engineering) (Subsidence (Earth movements))

USHKIN, V.I.; IL'SHTEYN, Z.Ya.

Machinery for mechanizing operations on livestock farms. Biul. tekh.-ekon.inform. no.12:57-59 '59. (MIRA 13:4)
(Farm mechanization)

II'SKIY, V. I.

"Planning of Centralized Hospitals (The Architect's Problem.)" Chief Arch Sci, Chair of Planning Public Installations, Moscow Architectural Inst, Moscow, 1954. (KL, No 1, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Sc Sum. No 528, 29 Jul 55

L 00712-67

ACC NR: AP6018025 (A) SOURCE CODE: PO/0087/65/000/011/0438/0439

AUTHOR: Ilaki, Bogdan

ORG: None

TITLE: A general-purpose sonic depth finder of the net type

SOURCE: Technika i gospodarka morska, no. 11, 1965, 438-439

TOPIC TAGS: sonar equipment, ultrasonic equipment, fishing ship, marine equipment

ABSTRACT: The author describes a general-purpose echo sounder developed in cooperation with Marian Szatybelko and Mieczyslaw Przewlocki at the "Koga" Enterprise of Hunting and Fishing Services in Hel. The device is based on the use of ultrasonic beams sent from transducers located in a special float on the fishing net. These transducers are connected by a cable through a matching transformer to a radar display on shipboard. The ultrasonic beams are directed both upward to the surface of the water and downward to the bottom so that the unit may be used for depth measurements from a transducer mounted on the hull of the ship as well as for locating fish beneath the ship. The transducers mounted in the float give the position of the net with respect to the water surface and bottom and may be used for checking the opening of the net and the size of a catch. The device has been registered and patented under no. 48370. The equipment was successfully tested on the Baltic Sea aboard the Cutter "Hel 108". Orig. art. has: 1 figures.

SUB CODE: 17,13/ SUBM DATE: none

Card 1/1 vlr

IL'SHIY, A. L., Engr

Dissertation: "Investigation of Drilling Rig Drives With Multiple-Strand Roller Chains." Cand Tech Sci, Moscow Order of Labor Red Banner Petroleum Inst imeni Academician I. M. Gubkin, 27 Apr 54. (Vechernyaya Moskva, Moscow, 15 Apr 54)

SO: SUM 243, 19 Oct 1954

II'SKIY, A. L.

AID - P-185

Subject : USSR/Engineering

Card : 1/1

Author : Il'skiy, A. L.

Title : Future Problems on Development of Pumping Equipment for Turbo-Drilling

Periodical : Neft. khoz., v. 32, #2, 10-13, F 1954

Abstract : Effective turbo-drilling is associated with selection of the most suitable pumping equipment for maximum utilization of engine power corresponding to the depth of drilling. 4 charts and 4 Russian references (1943-53).

Institution : None

Submitted : No date

IL'SKIY, A[illegible]

622.372
.12

Raschet I Konstruirovaniye Burovogo Oborudovaniy (Design and Construction of Drilling Equipment) Moskva, Gostoptekhizdat, 1957.
551 P. Illus., Diagrs., Graphs, tables.

MEA